

Datasheet for ABIN7539643
anti-MEF2A antibody (AA 391-497)



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Overview

Quantity:	100 µL
Target:	MEF2A
Binding Specificity:	AA 391-497
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MEF2A antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	MEF2A Antibody
Immunogen:	Purified recombinant fragment of human MEF2A (AA: 391-497) expressed in E. Coli.
Clone:	6B6F8
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	MEF2A
Alternative Name:	MEF2A (MEF2A Products)
Background:	The protein encoded by this gene is a DNA-binding transcription factor that activates many

Target Details

muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	54.8 kDa
UniProt:	Q02078
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Muscle Cell Differentiation , Toll-Like Receptors Cascades

Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/200 - 1/1000
Restrictions:	For Research Use only

Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.